

IFN GAMMA Active Protein | IFNG active protein

RECOMBINANT HUMAN INTERFERON GAMMA

CATALOG # AAA50534	APPLICATIONS Western Blot, Functional Assay, ELISA
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PRODUCT SYNONYMS

IFN GAMMA; RECOMBINANT HUMAN INTERFERON GAMMA; IFNG active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>98% by SDS PAGE and HPLC
Form/Format	Recombinant protein produced in E Coli - lyophilised.
Concentration	Approximate Protein Concentration: 1.0 mg/ml after reconstitution (varies by lot)
Sequence Length	166
Applicable Applications for IFNG active protein	WB (Western Blot), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 20ul distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution.
Endotoxin Level	< 0.1 ng/ug
Buffer Solution	Sodium Phosphate
Activity	> 2 x 10 ⁷ units/mg
Target Species	Human
Preparation and Storage	Prior to reconstitution store at -20°C. Following reconstitution store at -20°C. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

ADDITIONAL INFORMATION

Related Product Information for IFNG active protein	IFN-gamma is a lymphoid factor with anti viral activity and macrophage and NK cell stimulating properties.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56786138
NCBI GeneID	3458
NCBI Accession #	NP_000610.2
NCBI GenBank Nucleotide #	NM_000619.2
UniProt Accession #	P01579 ; Q53ZV4 ; B5BU88
Molecular Weight	Protein Molecular Weight: 16.7kD (143 Amino Acid Sequence)
NCBI Official Full Name	interferon gamma
NCBI Official Synonym Full Names	interferon, gamma

NCBI Official Symbol	IFNG
NCBI Official Synonym Symbols	IFG; IFI
NCBI Protein Information	interferon gamma; IFN-gamma; immune interferon
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma
UniProt Entry Name	IFNG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/active-protein/ifn-gamma/50534>